

5. (Original) The method of claim 3 further comprising the steps of:

determining whether a different modem configuration profile is appropriate; and
selecting said different modem configuration profile.

6. (Original) The method of claim 1 further comprising:

determining whether an inline filter is installed.

7. (Original) The method of claim 6 wherein said step of determining whether said inline filter is installed occurs when said status of said telephone hookswitch is off hook.

8. (Original) The method of claim 6 further comprising:

initiating a retraining routine; and
adjusting a power level.

9. (Original) The method of claim 8 wherein said step of determining whether said retraining is indicated occurs in response to said step of determining whether said inline filter is installed.

10. (Original) The method of claim 9 further comprising the steps of:

determining whether a different modem configuration profile is appropriate; and
selecting said different modem configuration profile.

11. (Currently Amended) A method for determining whether modem retraining is indicated comprising:

26. (Currently Amended) A method for determining a need for retraining a modem comprising the steps of:

determining a hookswitch state by measuring a current through a digital subscriber line in communication with the hookswitch;

obtaining line quality information;

determining if said line quality information suggests a need for retraining;

determining if a channel response has changed; and

checking an echo response.

27. (Canceled)

28. (Currently Amended) A method for controlling a modem transmission while telephone equipment is in an off-hook state comprising the steps of:

determining the off-hook state by detecting operational changes in a digital subscriber line modem, including the step of detecting a current flowing through the line;

determining if said modem transmission is allowed during said off-hook state; and

setting a minimum power per carrier to support a minimum pre-defined data rate with a minimum pre-defined noise margin.

29. (Original) The method of claim 28 further comprising the steps of:

setting a power level for said modem transmission to zero; and

waiting for an on-hook transition.

30. (Original) The method of claim 29 further comprising the step of:

saving said minimum power per carrier in a storage memory.

31. (Previously Presented) The method of claim 28 further comprising the step of:

initializing a modem.

32. (Original) The method of claim 28 wherein said step of determining if said modem transmission is allowed during said off-hook state further comprises the step of:

receiving a user indication as to whether said modem transmission is allowed during said off-hook state.